

PARTS & INSTALLATION INSTRUCTIONS

E-47 & E-47H

MEYER ELECTRO TOUCH TM

PARTS LIST

ITEM	E-47		E-47 H	QTY	DESCRIPTION	
	1-1/2 X 10RAM	1-1/2 X 12RAM	2 X 12RAM			
1	15502	15503	15504	1	LIFT and P.A. ASS'Y. (Complete)	
	15510	15510	15511	1	• Lift Ass'y. (Unit Only)	
	15478	15478	15478	1	• Harness & Fuse Ass'y.	
3	15370	15370	15370	1	• Starter Solenoid	
4	07749	07755	07757	1	• Ram L.H. w/Hose & Fittings	
5	07748	07756	07758	1	• Ram R.H. w/Fittings	
6	05810	05437	05752	2	•• Ram	
	21855	21855	21855	2	•• Swivel Ell - 1/4 x 90°	
7	21856	21856	21856	1	•• Hose Ass'y. 1/4 x 45" Lg.	
8	15072	15072	15072	1	•• Coupler 1/4"	
9	15670	15670	15670	1	• Pigtail Ass'y.	
10	15671	15671	15671	1	• Power Cable - 63" - Red	
11	15672	15672	15672	1	• Ground Cable - 42" - Black	
12	05024	05024	05024	1	• Power Cable - 36"	
13	15669	15669	15669	1	• Weather Plug - Solenoid Wires	
14	36248	36248	36248	1	• Weather Plug - Power Cables	
15	08473	08473	08473	1	• Relief Valve Kit	
16	15346	15346	15346	1	• HARDWARE BAG	
	21919	21919	21919	1	•• Switch (Raise & Lower)	
	21918	21918	21918	1	•• Switch (Angle)	
	15656	15656	15656	1	•• Switch Bracket & Decal Ass'y.	
	22070	22070	22070	1	••• Decal	
	15375	15375	15375	1	•• Handle - Yellow	
	15376	15376	15376	1	•• Handle- Black	
	20841	20841	20841	2	•• Screw - #12 x 1/2 Self-Tap	
	21832	21832	21832	2	•• Bushing - Split	
	21398	21398	21398	2	•• Screw 1/4-14 x 3/4 Self-Tap	
	15102	15102	15102	1	•• Bolt H 5/16" - 18" x 1/2" GR. 2	
	21400	21400	21400	1	•• Lockwasher 5/16" Int/Ext. Tooth	
	07273	07273	07273	1	•• Tap Connector	
	27	08363	08364	08364	1	• HARDWARE BAG
		20146	—	—	4	•• Bolt H 5/8- 11 x 3-1/4
	28	—	20147	20147	4	•• Bolt H 5/8- 11 x 3-1/2
20309		20309	20309	4	•• Locknut 5/8 - 11	
29	—	20357	20357	2	•• Flat Washer 5/8	

Parts indented are included in the bag or assembly under which they are indented.

GENERAL INFORMATION:

CAUTION: Always disconnect battery prior to installation.

Check contents against the parts list to determine all are correct and included.

When ordering parts, furnish Part No., Name and Description, Type of Hydraulic Unit and Moldboard Size. SAFETY PRECAUTIONS should be used when Electro Touch™ is in OPERATION and plow is in a RAISED position. LOWER plow to ground when vehicle is PARKED.

OVERHAUL and SERVICE INFORMATION is covered on separate instructions.

For Electro Touch™ Unit maintenance, refer to "Owner's Manual."

Meyer Products, reserves the right, under its continuing product improvement program, to change construction or design details, specifications and prices without notice or without incurring any obligation.

NOTES:

1. Connect ground cable to negatives terminal of battery for a solid connection to ground.
2. Caution: Route all cables away from moving engine parts and manifolds.
3. For weather protection, tape all electrical connections at front of vehicle.
4. The vehicle must be equipped with a "Heavy Duty Battery" (70 amp. hr. min.) and "Alternator" (60 amp. min.) to obtain maximum performance.
5. Follow these instructions explicitly. Warranty does not apply to a Meyer product which has been negligently or improperly assembled or installed.

INSTALLATION INSTRUCTIONS:

- A) Install Lift Assembly (1) with Electric Motor toward right hand side of vehicle using bolts supplied in mounting carton. When using an E-47 (all snow plows except HM-9 and HM-10), attach the Lift Ram in the inner hole of the Lift Arm. When using an E-47H (HM-9 and HM-10 snow plows only), attach the Lift Ram in the outer hole of the Lift Arm.
- B) Remove shipping plug from filler hole and install Relief Valve kit (15). Tighten to 100-125 in. lbs.
- C) Install Pigtail (9) to Lift Unit (1) with the red leg to the motor stud and black leg to the base of the Lift Unit (1), using Bolt (25) and Lockwasher (26). Place Lockwasher (26) **between** cable terminal and base so it bites into paint for proper ground.
- D) When Lift (1) is removed, protect the sockets or wires by using Weather Plugs (13 & 14)
- E) Install Switches (16 & 17) with Switch Bracket (18) in a suitable location on dash panel.
- F) Use Bushings (23) where Harness (2) is routed through firewall and radiator support panel. Requires 7/8" diameter hole. Be certain to route all wiring around hot or moving engine parts, and any sharp sheet metal. Protection must be provided to guard against wire damage at these points. All excess or loose wire must be neatly secured using wire ties. Fused lead from Wire Harness (2) must be attached to terminal in fuse panel that is activated only when the ignition key is "on".

- G) Install Starter Solenoid (3) to metal surface in engine compartment using Screws (19). (It must be grounded to operate.) Slide Weather Plugs (13 & 14) over Power Cable (10) and Ground Cable (11). Attach Red Power Cable (10) to a large terminal on Starter Solenoid (3) and route plug-end to front grill area of truck. Attach Black Ground Cable (11) to negative (-) terminal of battery and route plug end to front grill area. Attach 36" Power Cable (12) to positive (+) terminal of battery and remaining large terminal on Starter Solenoid (3). Attach small white wire from Harness (2) to small terminal on Starter Solenoid (3).

POWER ANGLING CYLINDERS:

Power Angling Cylinders furnished with the Electro Touch™ have been factory filled with proper amount of fluid. If for any reason it is necessary to add fluid to Reservoir or to bleed the Power Angling Cylinders, proceed as follows:

- a) Remove Relief Valve (15) from Reservoir to add fluid during charging and bleeding.
- b) Temporarily loosen the Female Coupler (8) at the R.H. Cylinder and Hose (7) at the L.H. Cylinder. Base end of Cylinder must be higher than rod end, to enable trapped air to escape.
- c) Angle the Plow in both directions until fluid leaks out at both points in a steady flow.
- d) Retighten the Coupler (8) and Hose (7).

NOTE: Proper fluid level is 1-1/2" below filler hole. It must be checked with lift arm fully retracted.

